

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 5	53312	(variable speed control) with (evaporator fan)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 09:55
S12 6	83041	(variable speed control) with (evaporator fan) and air conditioner	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 09:56
S12 7	43511	(variable speed control) with (evaporator fan) and (air conditioner)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 09:56
S12 8	0	"variable speed control\$3" with (evaporator fan) with (air conditioner)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 09:57
S12 9	36	"variable speed control" with (evaporator fan) with (air conditioner)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 10:30
S13 0	1	("4850201").PN.	USPAT; USOCR	OR	OFF	2006/04/12 10:51
S13 1	3919	oil near5 coolant	USPAT	OR	OFF	2006/04/12 10:52
S13 2	3124	oil near3 coolant	USPAT	OR	OFF	2006/04/12 10:52
S13 3	1307	oil near1 coolant	USPAT	OR	OFF	2006/04/12 12:21
S13 4	29259	(oil near1 coolant) and air conditioner	USPAT	OR	OFF	2006/04/12 10:53
S13 5	0	"10759934"	USPAT	OR	OFF	2006/04/12 12:22
S13 6	0	"10759934.pn."	USPAT	OR	OFF	2006/04/12 12:22
S13 7	0	"10759534.pn."	USPAT	OR	OFF	2006/04/12 12:22
S13 8	0	("10759534").PN.	USPAT; USOCR	OR	OFF	2006/04/12 12:23
S13 9	85507	method and installation and apparatus	USPAT	OR	OFF	2006/04/12 12:23
S14 0	405	method and installation and apparatus and disinfection	USPAT	OR	OFF	2006/04/12 12:24
S14 1	0	(method and installation and apparatus and disinfection).TI.	USPAT	OR	OFF	2006/04/12 12:24
S14 2	0	(method and installation and apparatus and disinfection).TI.	USPAT	OR	OFF	2006/04/12 16:00
S14 3	40931	(inject\$3 and automat\$3 and control).DETD.	USPAT	OR	OFF	2006/04/12 16:03

## EAST Search History

S14 4	27157	"1" and antibacteri\$2	USPAT	OR	OFF	2006/04/12 16:03
S14 5	72676	(inject\$3 and automati\$3 and control).DETD.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:04
S14 6	51196	"3" and antibacteri\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:07
S14 7	169	62/282 and "3"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:08
S14 8	214	62/282.ccls. and "3"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:08
S14 9	286	62/303.ccls. and "3"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:08
S15 0	127	62/82.ccls. and "3"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:08
S15 1	641	62/78.ccls. and "3"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:09
S15 2	32	62/78.ccls. and "3" and pump and valve and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 17:09
S15 3	14	62/282.ccls. and "3" and pump and valve and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:50
S15 4	8	62/82.ccls. and "3" and pump and valve and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:14
S15 5	26	62/303.ccls. and "3" and pump and valve and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:13

## EAST Search History

S15 6	18	("("6502421") or ("6418752") or ("6401487") or ("6390378") or ("4848094") or ("4704873") or ("4462215") or ("3733840") or ("2248713") or ("6576233") or ("6539743") or ("5410888") or ("4884416") or ("4058383") or ("3733840") or ("3224217") or ("5301723")).PN.	USPAT; USOCR	OR	OFF	2006/04/12 16:53
S15 7	0	("14" and pump and valve and nozzle and "3").PN.	USPAT; USOCR	OR	OFF	2006/04/12 16:54
S15 8	35544	"14" and pump and valve and nozzle and "3"	USPAT	OR	OFF	2006/04/12 16:55
S15 9	35544	"14" and pump and valve and nozzle and "3"	USPAT	OR	OFF	2006/04/12 16:55
S16 0	35544	"14" and (pump and valve and nozzle) and "3"	USPAT	OR	OFF	2006/04/12 16:55
S16 1	2495	"14" and (pump and valve and nozzle) and (inject\$3 and automat\$3 and control).DETD.	USPAT	OR	OFF	2006/04/12 16:58
S16 2	2626	(pump and valve and nozzle) and (inject\$3 and automat\$3 and control).DETD.	USPAT	OR	OFF	2006/04/12 16:58
S16 3	4029	(pump and valve and nozzle) and (inject\$3 and automat\$3 and control).DETD.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 16:58
S16 4	0	(pump and valve and nozzle) and (inject\$3 and automat\$3 and control).DETD. and ("6502421, 6418752,6401487,6390378, 4848094,4704873,4462215, 3733840,2248713,6576233, 6539743,5410888,4884416, 4058383,3733840,3224217, 5301723").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 17:03
S16 5	0	("6502421,6418752,6401487, 6390378,4848094,4704873, 4462215,3733840,2248713, 6576233,6539743,5410888, 4884416,4058383,3733840, 3224217,5301723").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 17:03
S16 6	32	62/78.ccls. and "3" and pump and valve and nozzle and control	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/12 17:45
S16 7	8	("4742691"   "5186240").PN. OR ("5398517").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 17:34

## EAST Search History

S16 8	2	62/282.ccls. and inject\$3 and automat\$3 and control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:03
S16 9	17	62/303.ccls. and inject\$3 and automat\$3 and control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:07
S17 0	0	62/82.ccls. and inject\$3 and automat\$3 and control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:07
S17 1	23	62/78.ccls. and inject\$3 and automat\$3 and control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:10
S17 2	117175	inject\$3 and automat\$3 and control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:11
S17 3	28836	inject\$3 and automat\$3 with control	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:12
S17 4	12443	inject\$3 and automat\$3 with control and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:12
S17 5	3396	inject\$3 and automat\$3 with control and pump and nozzle	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:12
S17 6	2900	inject\$3 and automat\$3 with control and pump and nozzle and valve	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:13
S17 7	1821	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:53
S17 8	577	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:15
S17 9	577	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/13 14:24
S18 0	79	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote and lamp	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/13 10:16
S18 1	346	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote and light	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/13 12:16

## EAST Search History

S18 2	2605533	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote and ultraviolet light	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/13 11:48
S18 3	577	inject\$3 and automat\$3 with control and pump and nozzle and valve and motor and remote	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/13 12:42
S18 4	716	62/126.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:53
S18 5	8695	"17" and inject\$3 and nozzle and automat\$3 and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:54
S18 6	0	S184 and inject\$3 and nozzle and automat\$3 and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:54
S18 7	716	S184	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:54
S18 8	31	S184 and inject\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:56
S18 9	29	62/157.ccls. and inject\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 12:57
S19 0	609	62/157.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:06
S19 1	1	"4742691".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:07
S19 2	1	"5186240".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:07
S19 3	17	("1903650"   "1978555"   "4141754"   "4165261"   "4332292"   "4528820"   "4570447"   "4589898").PN. OR ("5186240").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:55
S19 4	3	((5302359") or ("5957771") or ("6065301")).PN.	USPAT; USOCR	OR	OFF	2006/04/13 13:55
S19 5	4	("3982716"   "5240156"   "5737937").PN. OR ("6065301").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:56
S19 6	6	("5297988"   "5664423"   "5755103").PN. OR ("5957771").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:03

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S19 7	11	("4301094"   "4383951"   "4601886"   "5171485").PN. OR ("5302359").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:07
S19 8	79	("3629005"   "4147558"   "4152173"   "4209343"   "4258056"   "4284653"   "4295932"   "4297224"   "4324635"   "4325934"   "4330531"   "4370305"   "4376787"   "4460373"   "4542008"   "4547381"   "4585482"   "4689169"   "4816232"   "4832972"   "4878361"   "4907422"   "4908188"   "4935153"   "4966716"   "4966775"   "5014523"   "5091107"   "5140831"   "5193357"   "5208057"   "5229072"   "5289691"   "5360609"   "5368815"   "5382520"   "5408834"   "5458851"   "5476579"   "5586439"   "5631300"   "5639295"   "5639559"   "5650446"   "5695814"   "5697561"   "5705050"   "5705092"   "5707739"   "5736016"   "5752393"   "5787723"   "5788687"   "5853689"   "5878583"   "5888528"   "5914120"   "5922776"   "5953925"   "5965264"   "5967202"   "5974810"   "5980826"   "5984993"   "6004439"   "6039220"   "6044852"   "6046243"   "6071483"   "6071539"   "6077495"   "6134907"   "6171558"   "6196007"   "6238643"   "6324863"   "6334328"   "6478034").PN. OR ("6619051").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:15
S19 9	32516	inject\$3 and control and nozzle and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:17
S20 0	9113	automat\$3 and S199	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:24
S20 1	1738497	liquid dispenser.TI.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:29
S20 2	117175	inject\$3 and control and automat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:30
S20 3	6731	inject\$3 and control and automat\$3 and antibacterial	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:30

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S20 4	142	inject\$3 and control and automat\$3 and antibacterial and pump and nozzle	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:35
S20 5	9113	inject\$3 and control and automat\$3 and pump and nozzle	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:35
S20 6	7308	inject\$3 and control and automat\$3 and pump and nozzle and valve	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:36
S20 7	4234	inject\$3 and control and automat\$3 and pump and nozzle and valve and motor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:37
S20 8	2826	inject\$3 and control and automat\$3 and pump and nozzle and valve and motor and (reservoir or storage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:38
S20 9	1691	inject\$3 and control and automat\$3 and pump and nozzle and valve and motor and (reservoir or storage)and electric	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 15:55
S21 0	287	inject\$3 and control and automat\$3 and pump and nozzle and valve and motor and (reservoir or storage)and electric and UV	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 14:44
S21 1	1233398	automatic and repetition or repea\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 16:00
S21 2	5003	S211 and S174	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 15:59
S21 3	784	S211 and S177	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 15:59
S21 4	225975	automatic and (repetition or repea\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 16:00
S21 5	1	"4810659".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:34
S21 6	468	62/303.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:34
S21 7	651427	S216 and active substance concentrate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:35
S21 8	1	S216 and "active substance concentrate"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:35

## EAST Search History

S21 9	0	S216 and "active with substance and concentrate"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:36
S22 0	0	S216 and (active with substance and concentrate)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:37
S22 1	5	S216 and (active and substance)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:37
S22 2	206	antibacterial and disinfect and (active and substance)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:38
S22 3	6	antibacterial and disinfect and (active and substance) and evaporator	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:40
S22 4	6	antibacteri\$2 and disinfect and (active and substance) and evaporator	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:40
S22 5	88	antibacteri\$2 and disinfec\$4 and (active and substance) and evaporator	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 11:40
S22 6	0	(Apparatus and method and disinfection and antibacterial).TI.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 10:06
S22 7	12	Apparatus and method and disinfection and antibacterial.TI.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 10:06